

**FIGURE 1A**  
**METHODS**  
**Envelop Expression Vector: pHIVenv**

**Envelope Expression Vector: pHIVenv**



**HIV-1 Expression Vector: pHIVlucΔU3**

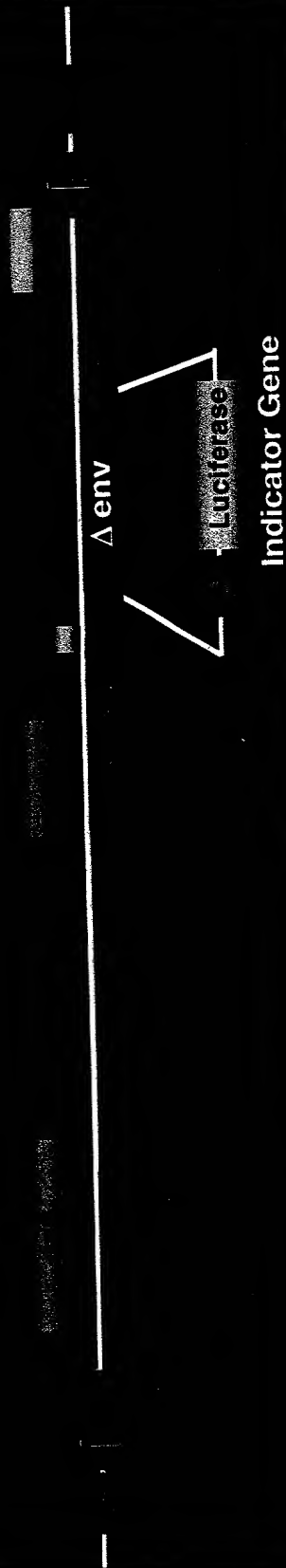
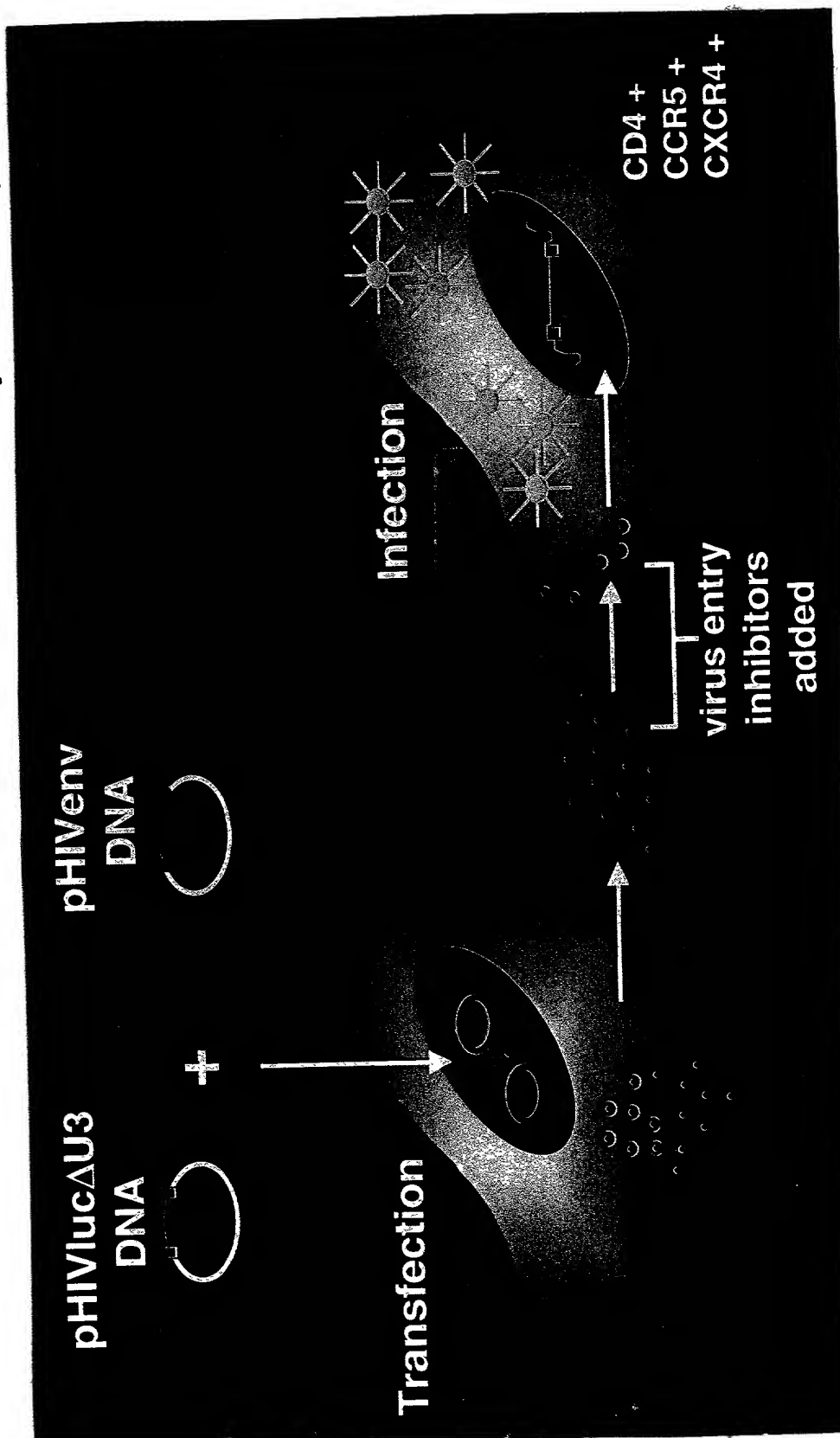


FIGURE 1B

PhenoSense HIV Entry Cell Assay



HIV Envelope Expression Vectors

FIGURE 2

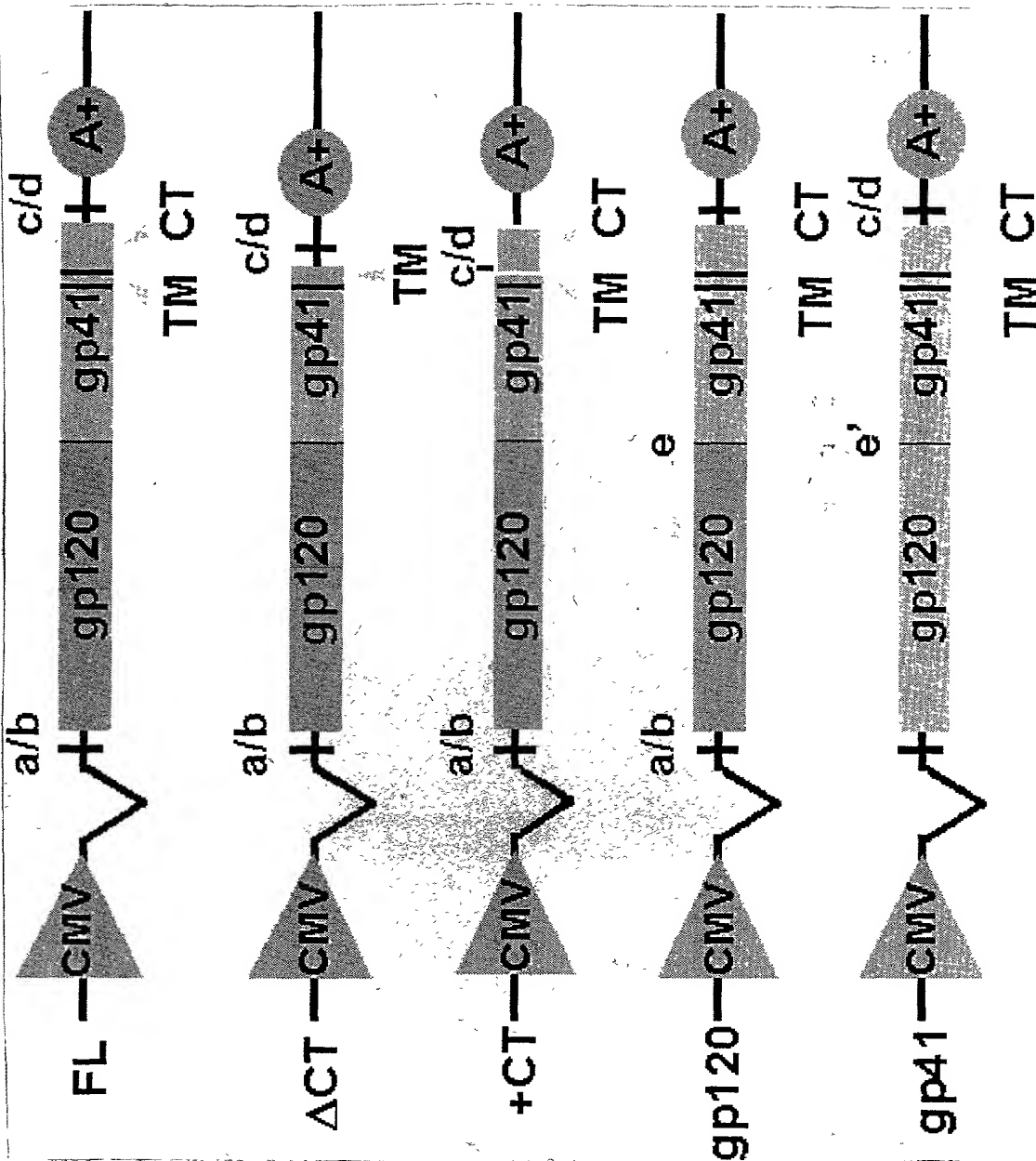
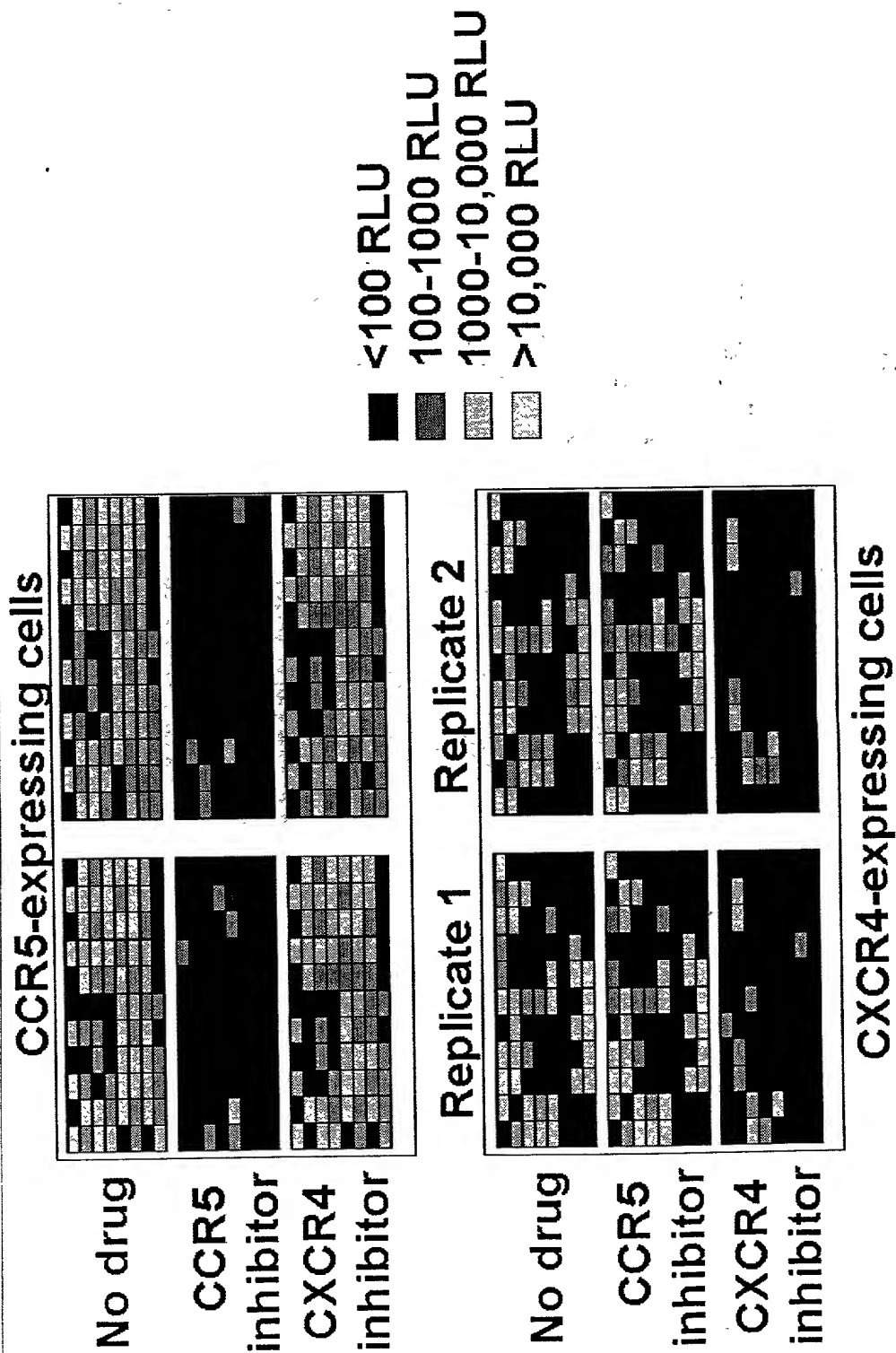


FIGURE 3A

Co-Receptor Tropism Screen



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FIGURE 3B

# C0- Receptor Tropism Assay Interpretation

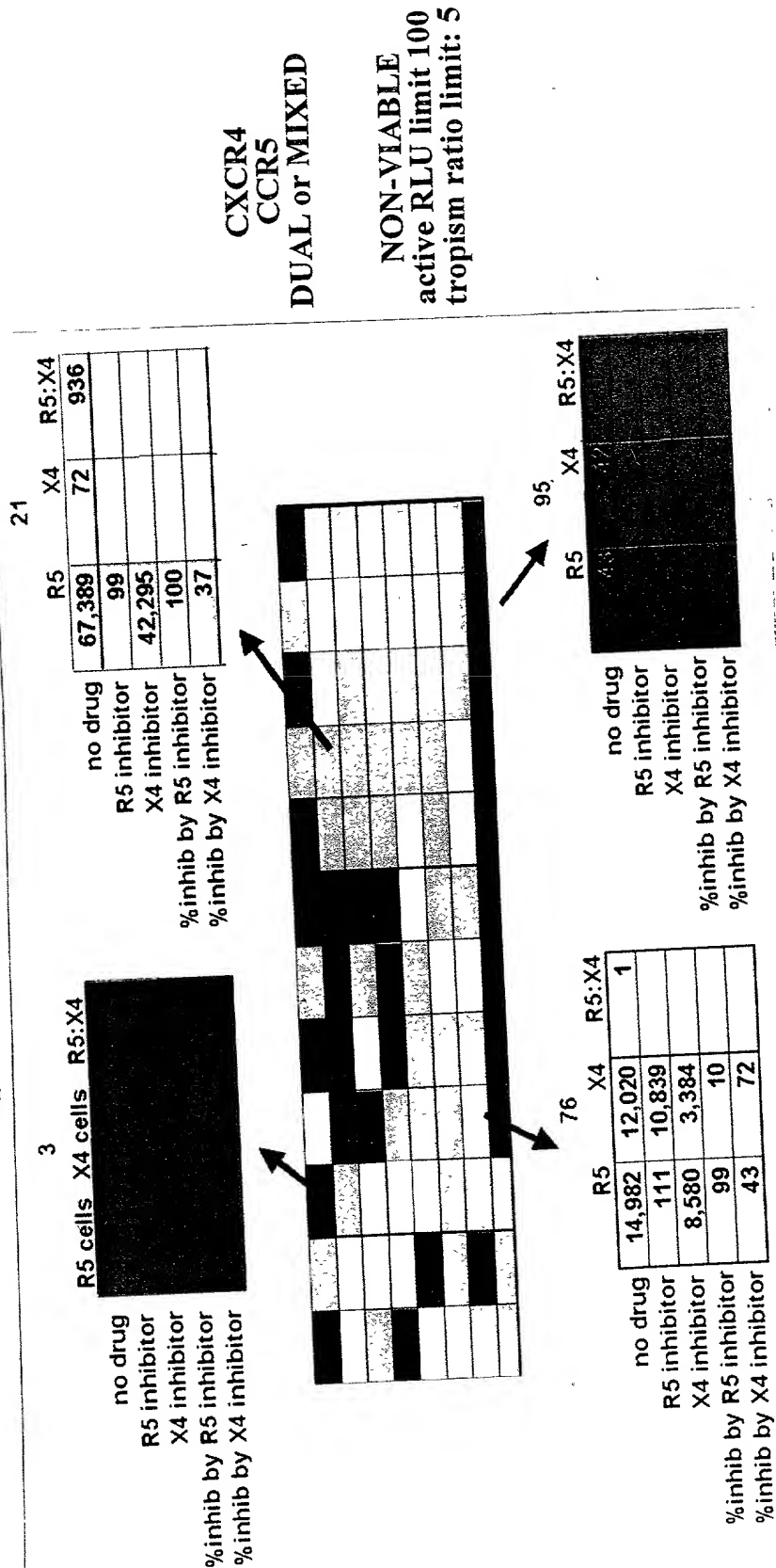
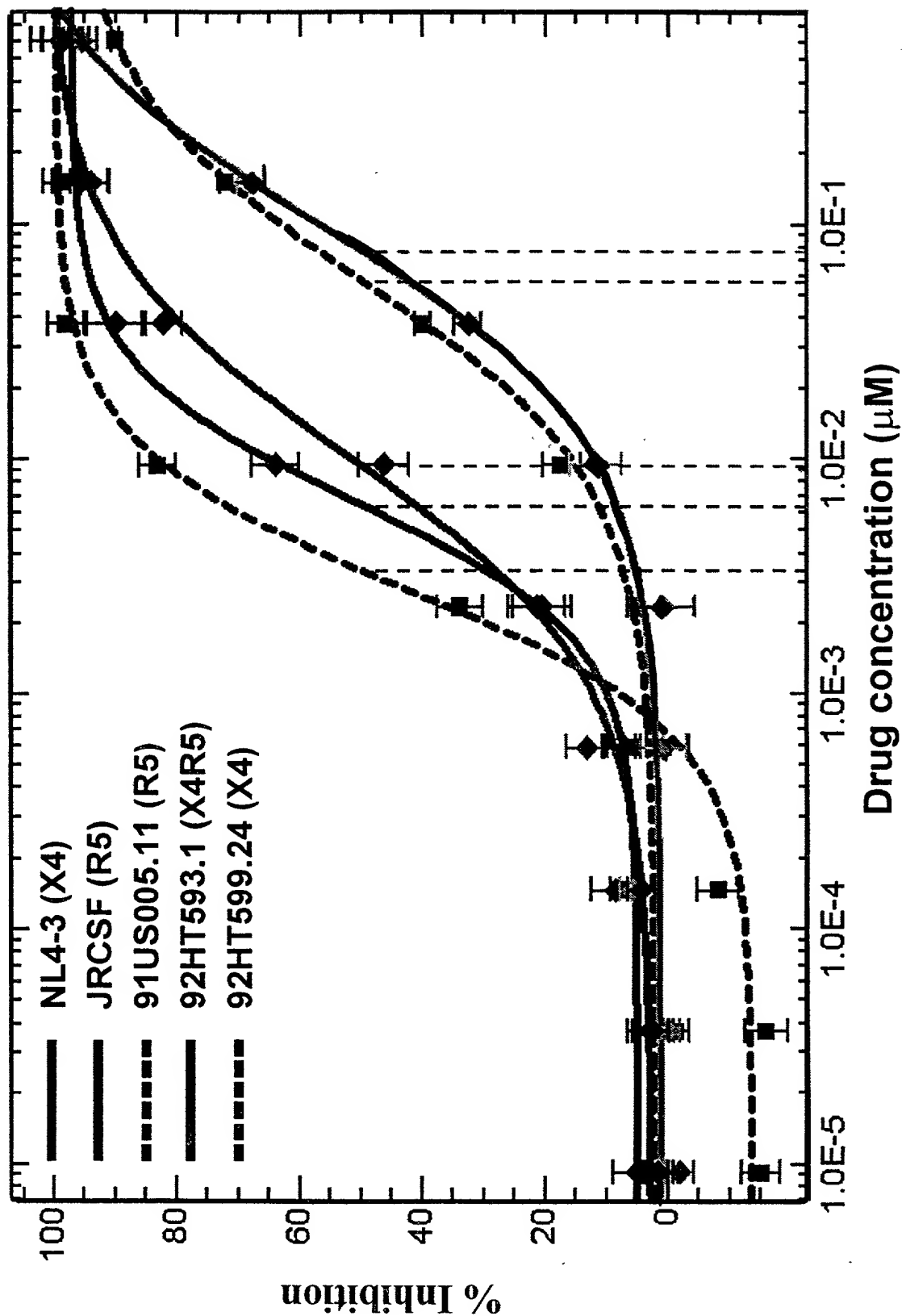
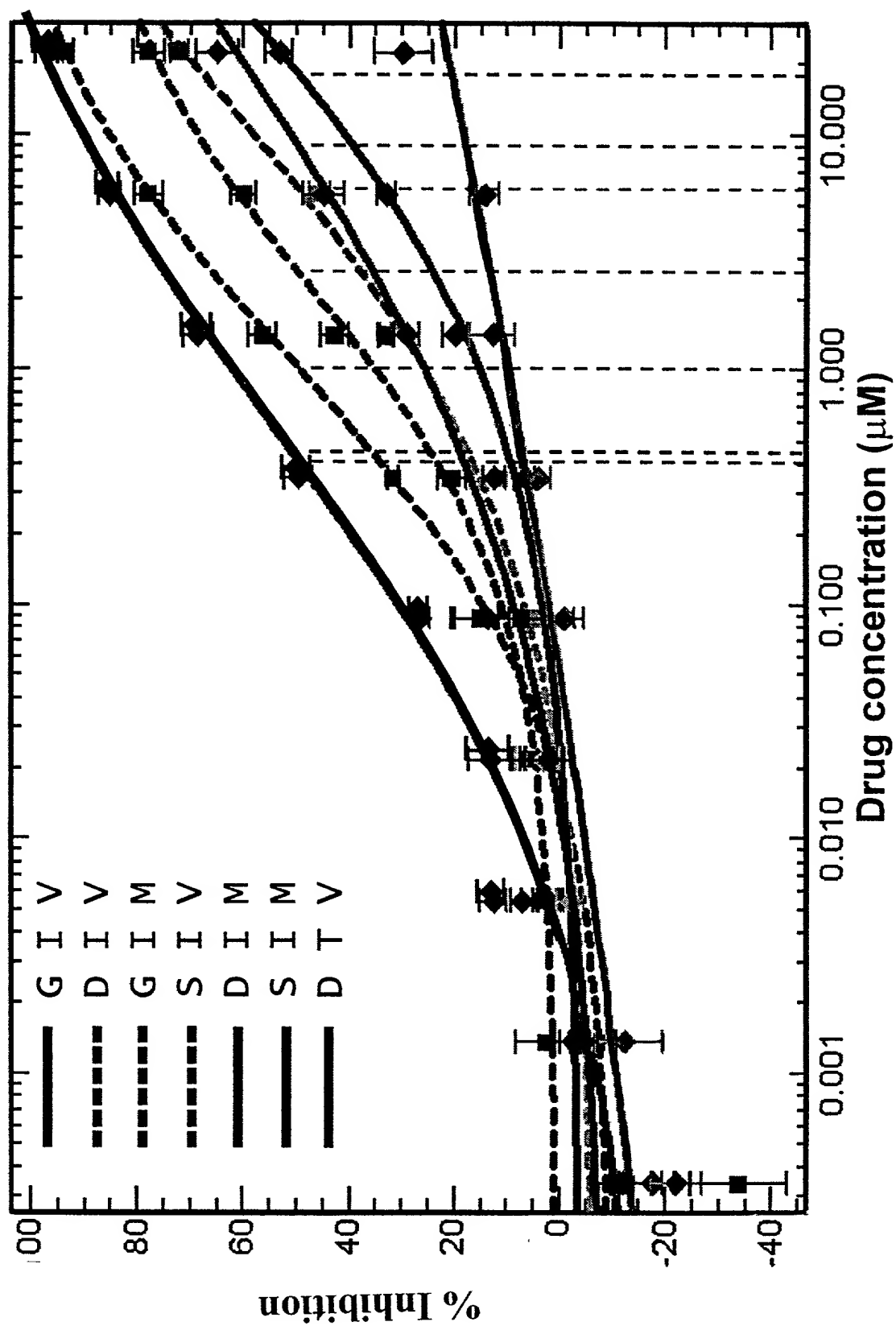


FIGURE 4A

Entry Inhibitor Susceptibility: Fusion Inhibitor



## Reduced Susceptibility: Fusion Inhibitor



**FIGURE 5A** Entry Inhibitor Susceptibility: CCR5 Inhibitor

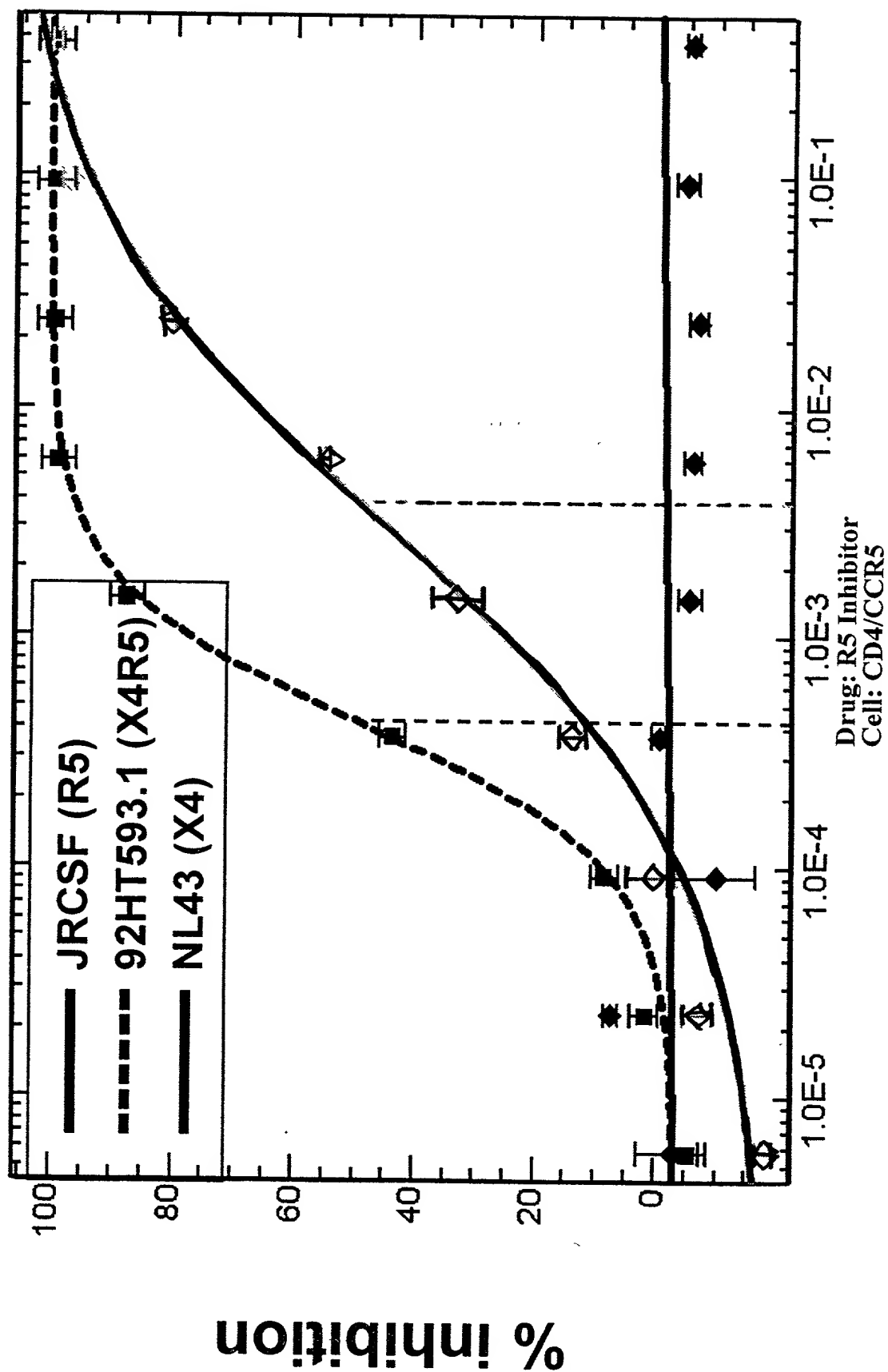




FIGURE 5B

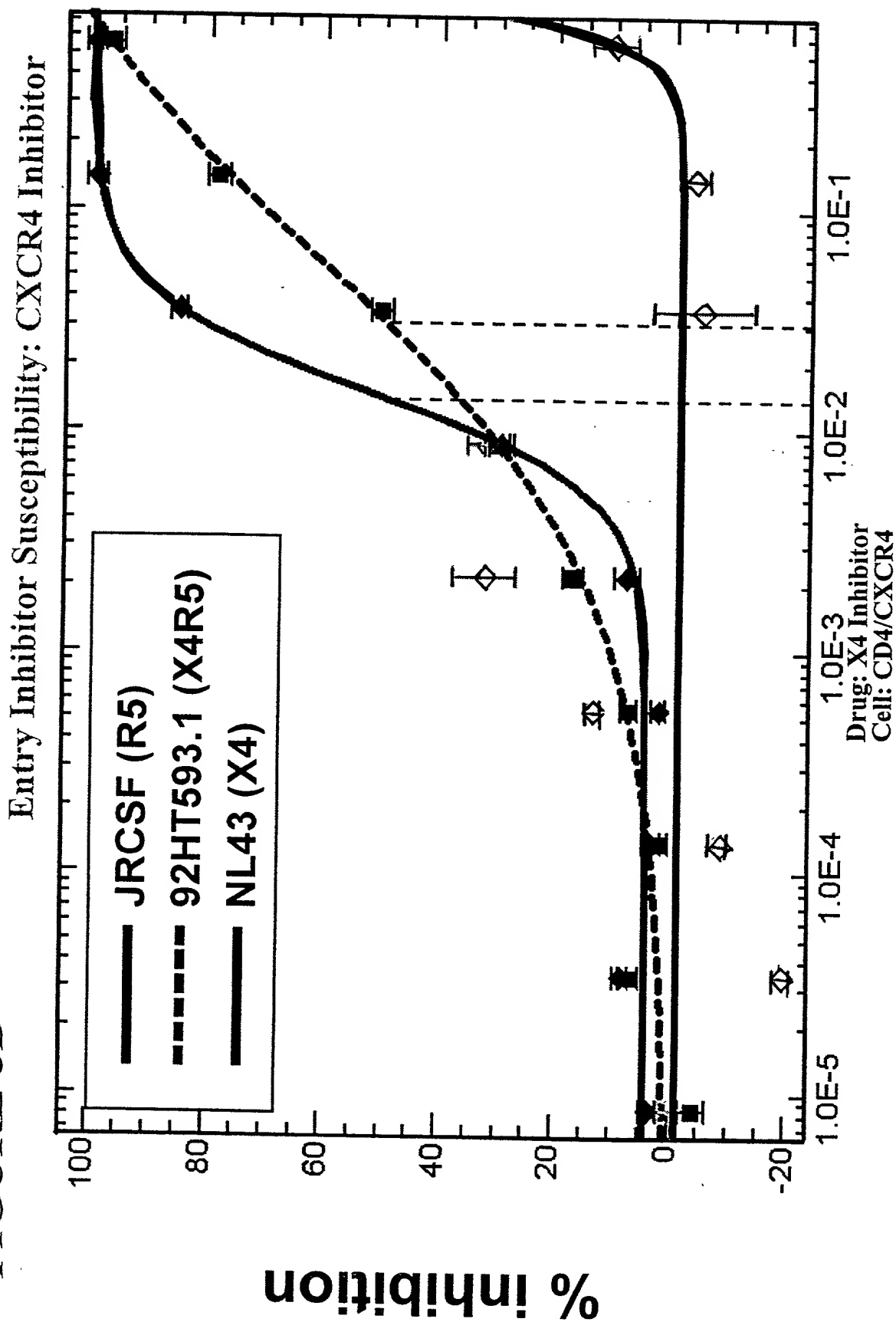
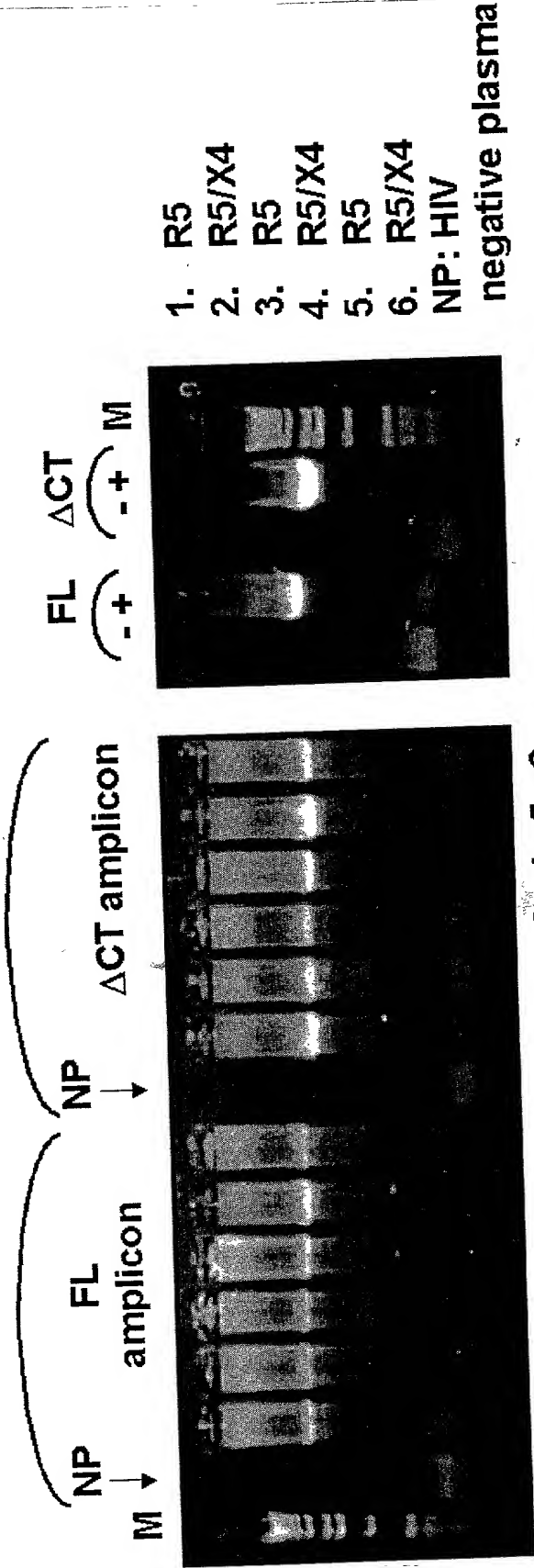


FIGURE 6

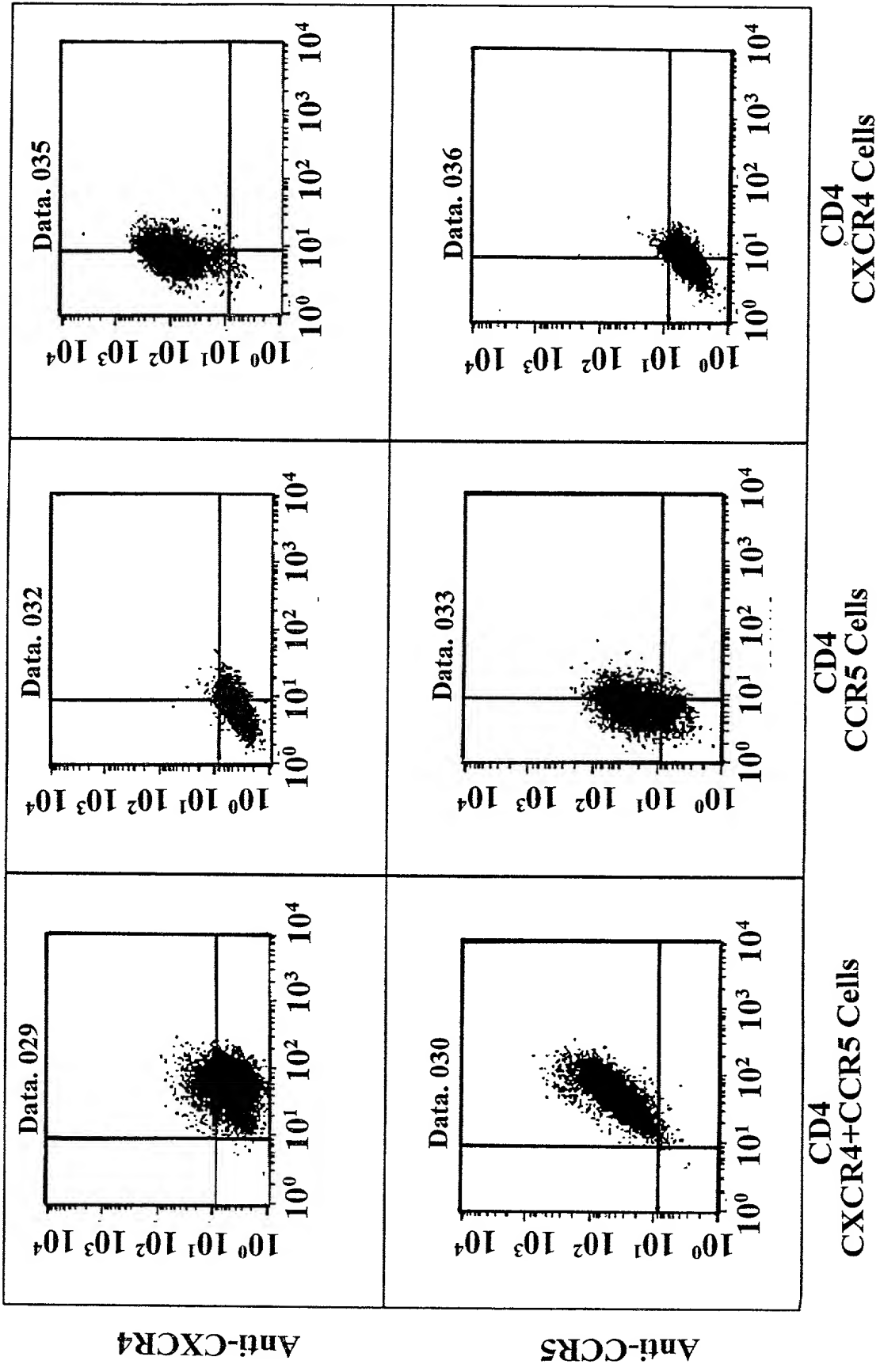
Envelope Sequence Amplification



Co-Receptor Tropism	# of isolates	Envelope Subtype	# of isolate
X4	15	Clade A	2
R5	24	Clade B	76
X4/R5	15	Clade C	7
Undefined	35	Clade D	1
		Clade E	3

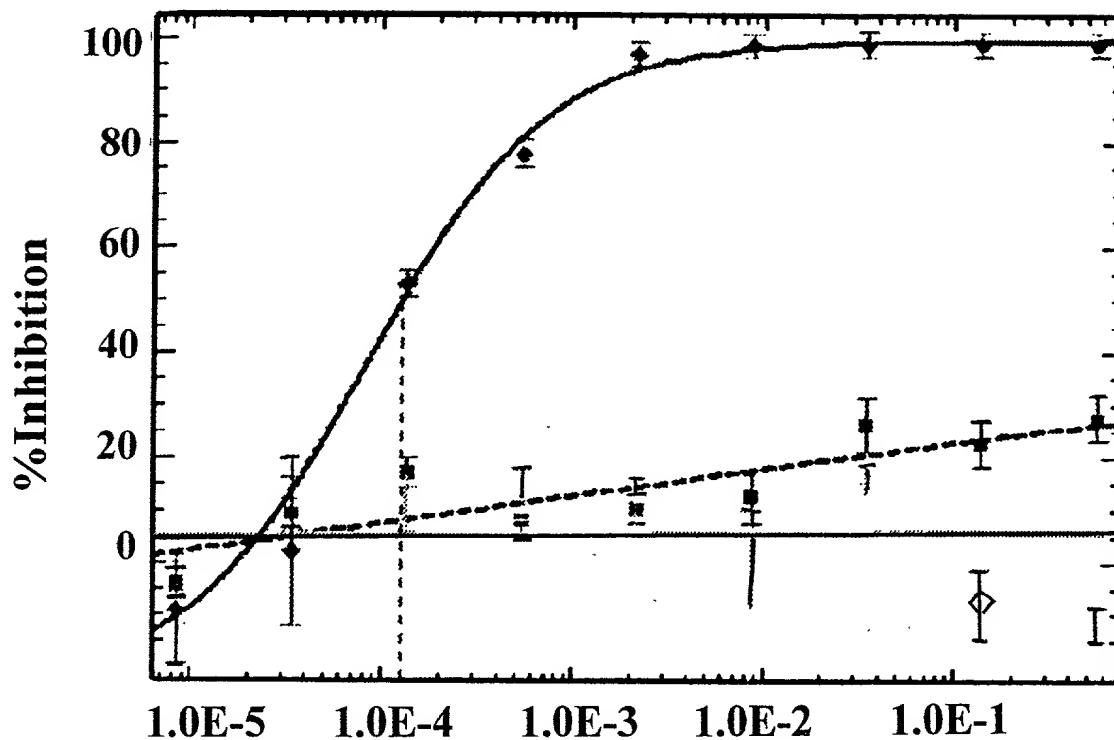
FIGURE 7

Target Cell Receptor and Co-Receptor Expression

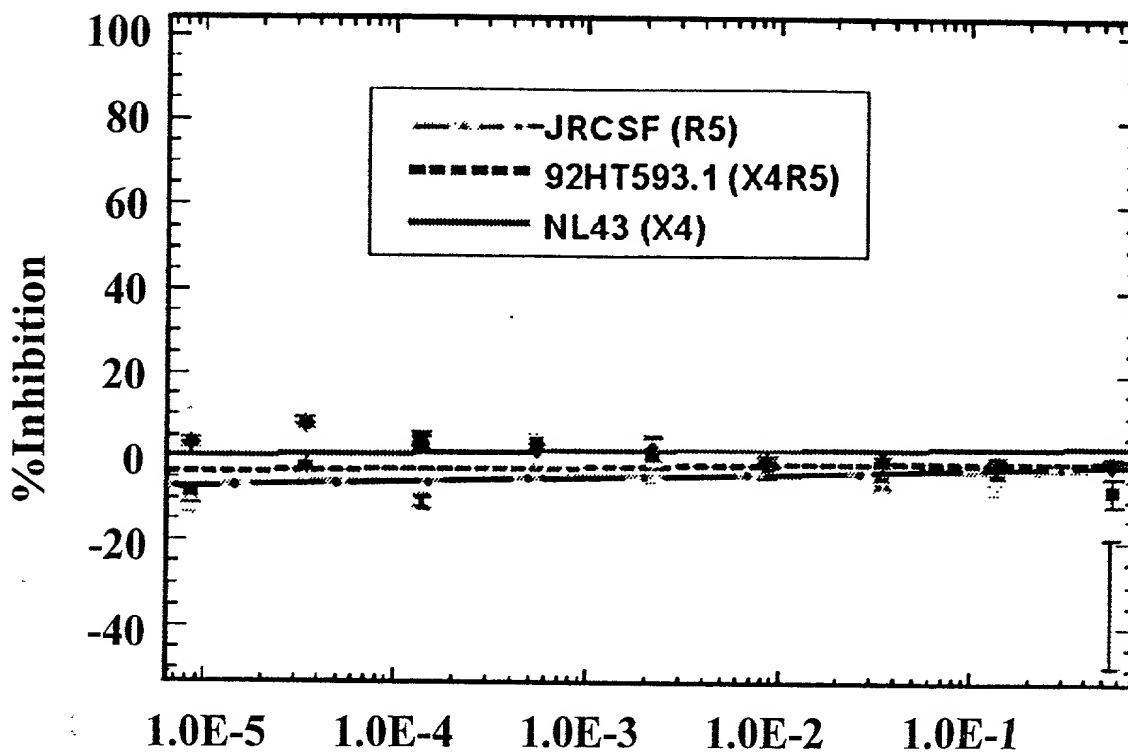


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FIGURE 8A



Drug: X4 Inhibitor  
Co-receptor: X4, R5

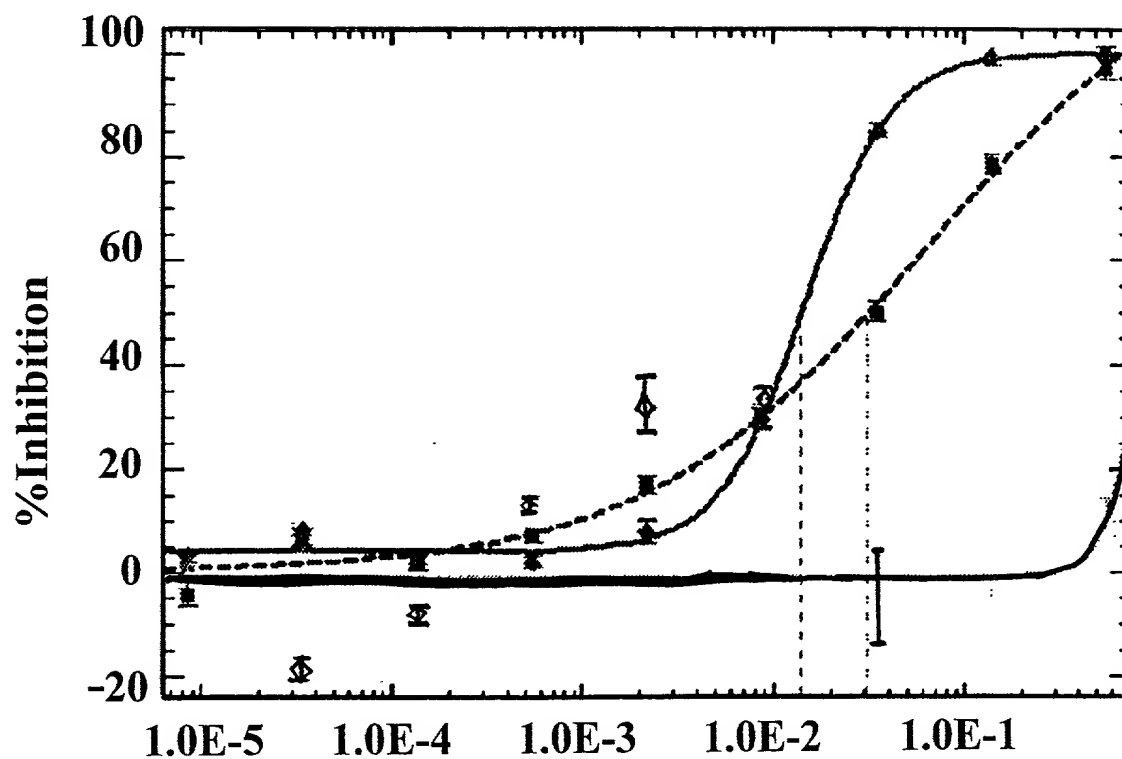


Drug: X4 Inhibitor  
Co-receptor: R5

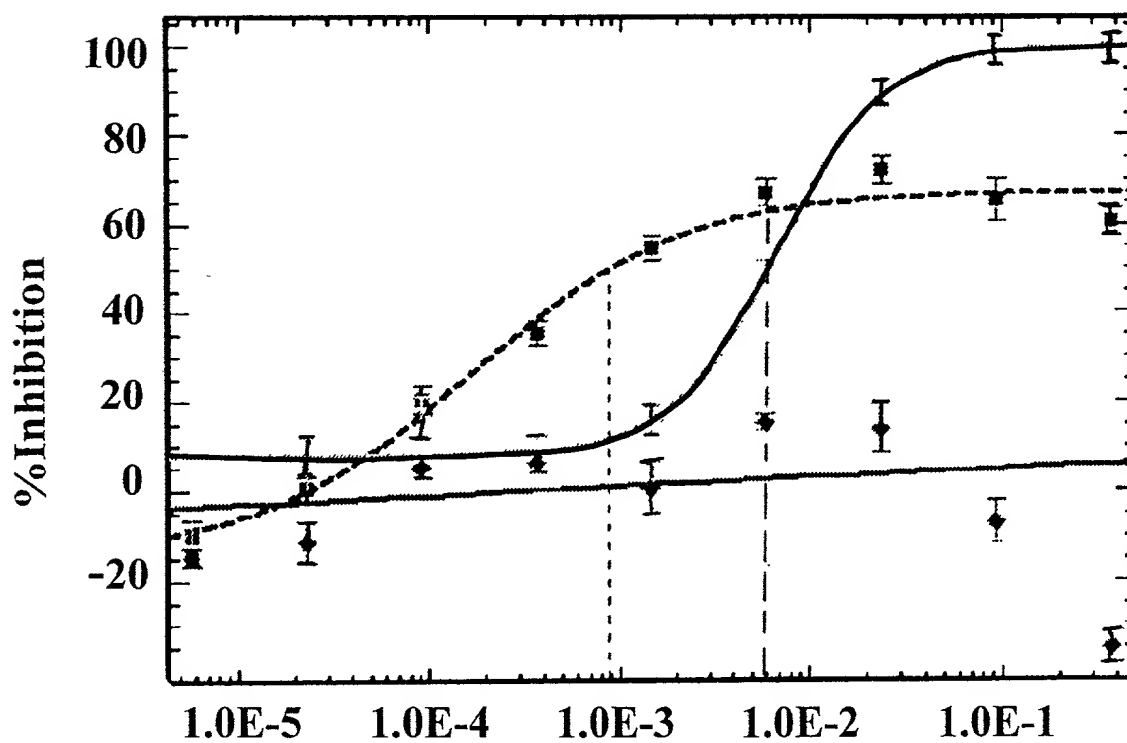
200220" 5442850

FIGURE 8B

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Drug: X4 Inhibitor  
Co-receptor: X4



Drug: R5 Inhibitor  
Co-receptor: X4, R5

FIGURE 8C

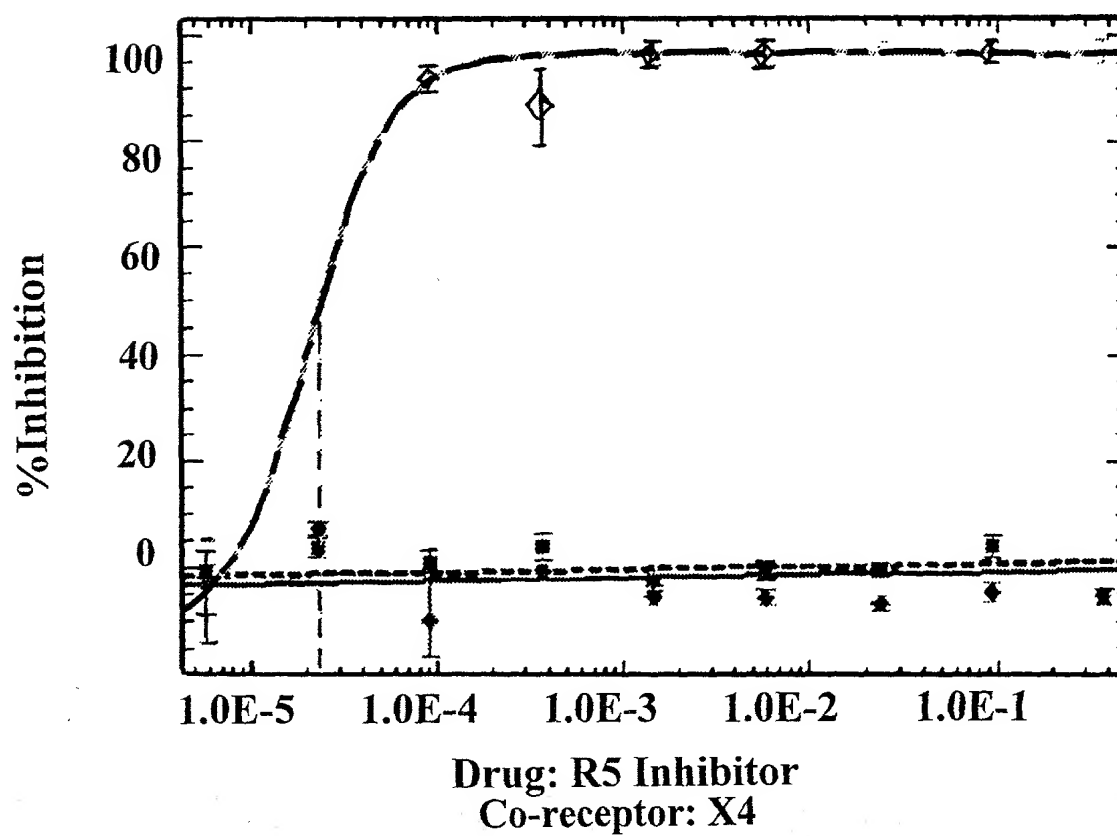
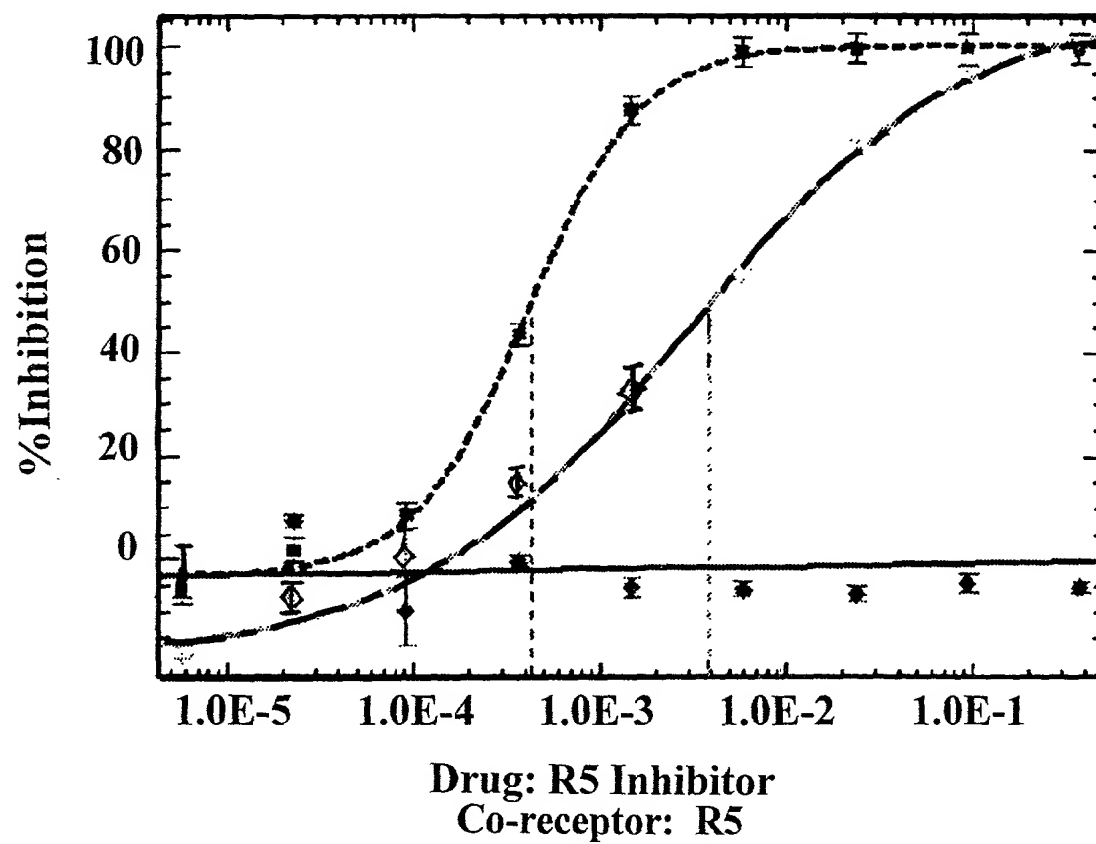


FIGURE 9

Fusion Inhibitor Peptides

